

Air/Missile Defense Planning and Control System (AMDPCS) (WRAP Candidate)



MISSION

As the backbone of air defense, provide Battle Management/Command, Control, Communications, Computers, and Intelligence (BM/C4I) capability to Air Defense Artillery (ADA) Brigades, the Army Air and Missile Defense Command (AAMDC) corps and echelons above corps headquarters, and joint force command and control elements such as the Battlefield Coordination Detachment (BCD).

DESCRIPTION AND SPECIFICATIONS

The AMDPCS provides ADA Brigades with a fire control system via the Air Defense System Integrator (ADSI) for monitoring and controlling engagement operations by subordinate battalions. The AMDPCS provides a common air and missile defense staff planning and battlespace situational awareness tool via the Air and Missile Defense Workstation (AMDWS) to achieve the common tactical and operational air picture. The AMDWS, like ADSI, will be fielded to air and missile defense units at all echelons of command, battery through theater. The AMDPCS provides the Army Battle Command Systems (ABCS) architecture and the Army Air and Missile Defense Task Forces (AMDTF) with BM/C4I capability and the Army component of interoperable Joint Theater Air and Missile Defense (JTAMD) BM/C4I. The AMDPCS enables Active Passive, and Attack Operations coordination with the joint forces. AMDPCS (Project D169) was initiated with WRAP funding in FY99.

FOREIGN COUNTERPART

No known foreign counterpart

FOREIGN MILITARY SALES

None

PROGRAM STATUS

3QFY97 Approved operational requirements document.

4QFY97 Approved as acquisition category III program.

FY99 Fieldings to one ADA brigade (partial), AAMDC update, ADA School update.

PROJECTED ACTIVITIES

FY00 Fielding 1 AAMDC Army National Guard (ARNG), 1 ADA brigade

FY01 Fielding 2 ADA brigades retrofit, battlefield coordination detachment (BCD).

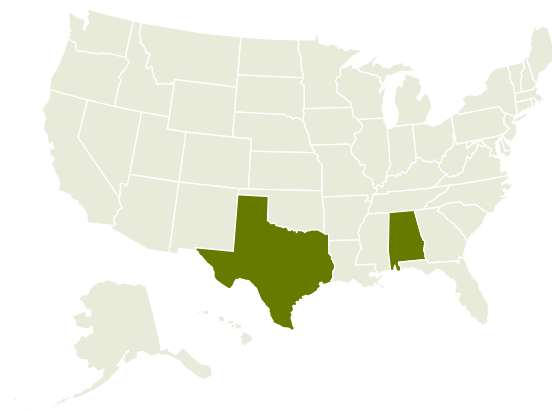
FY02 Fielding 2 ADA brigades retrofit.

FY03 Fielding 2 ADA brigades retrofit.

PRIME CONTRACTORS

Brigade FCS: APC (Austin, TX); Brown International (Huntsville, AL)

AMDWS: FAADC2, TRW (Huntsville, AL); Patriot, Intergraph (Huntsville, AL)



* See appendix for list of subcontractors



Project the Force



Protect the Force



Gain Information Dominance



Shape the Battlespace



Conduct Decisive Operations



Sustain the Force